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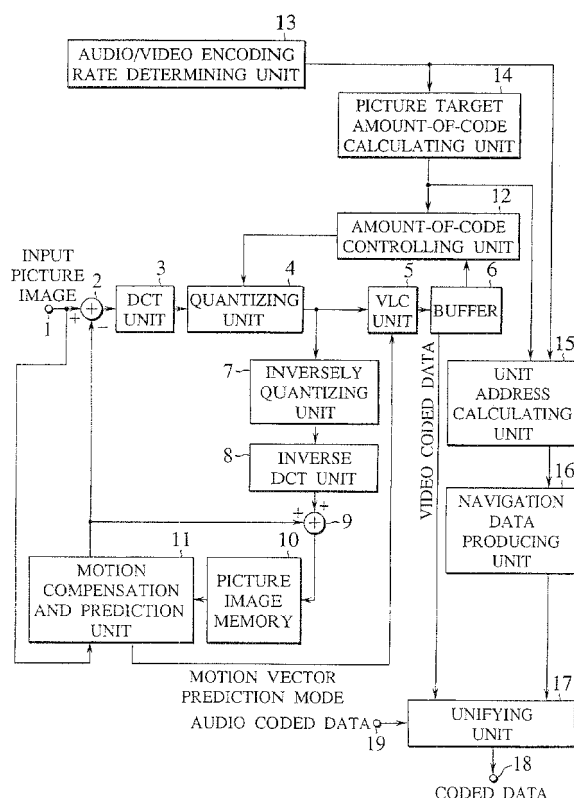
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(54) **method for calculating the addresses in the navigation pack of a VOBu unit**

(57) A picture target amount-of-code calculating unit (14) calculates a target amount of codes for each picture type that corresponds to an encoding rate that has been determined by an audio/video encoding rate determining unit (13). An amount-of-code controlling unit (12) controls the quantizing scale of a quantizing unit so as to make the target amount of codes for each picture type match with a total amount of codes of a unit as a whole. A unit address calculating unit (15) calculates the addresses used when a search is made, as navigation data, on the basis of the target amount of codes for each picture type and the encoding rate. A unifying unit (17) makes a construction of the unit while, on the other hand, a navigation data producing unit (16) depicts navigation data at a foremost position of the unit.

FIG.4





EUROPEAN SEARCH REPORT

Application Number
EP 08 16 7715

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			H04N G11B
2	Place of search Berlin	Date of completion of the search 13 January 2009	Examiner Raeymaekers, Peter
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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